

L 24524-66 EWT(1)/ETC(f)/EPF(n)-2/ENG(m) WW
ACC NR: AP6009543

SOURCE CODE: UR/0413/66/000/005/0076/0076

INVENTOR: Kamraze, A. N.

ORG: none

TITLE: Thermal method for measuring the bulk consumption of fluid and gas. Class 42, No. 179488

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 76

TOPIC TAGS: gas flow, fluid flow, flow control, flow measurement

ABSTRACT: An Author Certificate has been issued for a thermal method of measuring bulk consumption of fluid and gas. The method is based on the heat exchange between controlled and auxiliary flows. Measurement is made of the temperature drop in the main and auxiliary flows at the intake of one flow by another flow and at their outlet. To increase measurement accuracy under conditions of changing heat transfer and to expand the applicability of the measuring method, the ratio of temperature drop in the main and auxiliary flows at the intake of one flow by another flow and at their outlet is measured in proportion to the bulk consumption of fluid or gas.

SUB CODE: 20/

SUBM DATE: 05Feb64/

Card 1/1

UDC: 681.121.8

[NT]

KAMBARAKAN, B.S.

Effect of mixed pollen on the fertilization process in tomatoes.
Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 2 no.1:93-95 '49. (MLRA 9:8)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy
SSR.

(TOMATOES)

KAMSAKAKAN, B.S.

Effect of grafting on the hybridization of the eggplant. Izv. AN Arm.
SSR. Biol. i sel'khoz. nauki 2 no.2:201-203 '49. (MLRA 9:8)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy
SSR.

(EGGPLANT)

KAMSARAKAN, B.S.

Increase of the vitality of tomato hybrids pollinated with a mixture
of pollen. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 5 no.5:69-75 '52.
(NLRA 9:8)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy
SSR.

(TOMATOES)

KAMSARAKAN, B.S.

Methods of increasing the vitality of tomato hybrids. Izv. AN Arm.
SSR. Biol. i sel'khoz. nauki. 5 no. 6: 47-53 '52. (MLRA 9:8)

1. Institut genetiki i seleksii rasteniy AN Armyanskoy SSR.
(Tomatoes)

Country : USSR
Category : CULTIVATED PLANTS. POTATOES, Vegetables. Cucurbits.
Abs. Jour. : REF ZHUR-BIOL.,21,1958,NQ-9608
Author : Kemsarakan, R.S.
Instit. : Armenian Sci.Res. Inst. of Agriculture
Title : Argavandi-45, a New Tomato Variety
Orig. Pub. : Byul. nauchno-tekhn. inform. Arm. sn.-1. in-t
zemledeliye, 1957, No. 3, 9-10
Abstract : No abstract

Card: 1/1

KAMSARAKAN, B.S., kand.biolog. nauk

A new tomato variety. Agrobiologia no.4:626-627 J1-Ag '63.
(MIRA 16:9)

1. Armyanskiy nauchno-issledovatel'skiy institut zemledeliya,
g. Echmiadzin.

(Ararat region--Tomatoes--Varieties)

KAMSAKAKAN, B.S.

Effect of the training of the cucumber vine and the space arrangement of plants on the cucumber yield in greenhouses. Izv. AN Arm. SSR. Biol. nauki 15 no.12:45-51 1962 (MIRA 17:8)

1. Arutyunskiy nauchno-issledovatel'skiy institut zemledeliya, Yerevan.

KAMSHALOV, A.

Our common task, Voen.znan. 38 no.8:6-7 Ag '62. (MIRA 15:8)

1. Sekretar' Tsentral'nogo komiteta Vsesoyuznogo Leninskogo
kommunisticheskogo soyuza molodezhi.
(Military education)

KAMSHALOV, A.

Enthusiastic cooperation. Za rul. 20 no.11:1-2 N '62.

(MIRA 15:11)

1. Sekretar' Tsentral'nogo komiteta Vsesoyuznogo Leninskogo
kommunisticheskogo soyuza molodezhi.

(Military education)

KAMSHALOV, A.

Today they are reserves and tomorrow they will be an elite
corps of workers. Prof.-tekh. obr. 19 no.12:3-6 D '62.

(MIRA 16:2)

1. Sekretar' Tsentral'nogo komiteta Vsesoyuznogo
Leninskogo kommunisticheskogo soyuza molodezhi.
(Vocational education)

KAMSHALOV, Aleksandr Ivanovich; MYASOYEDOV, B., red.; PAVLOVA, S.,
tekh. red.

[Young patriots on state farms and collective farms] Molodye
patrioty v sovkhozakh i kol'khozakh. Moskva, Mosk. rabochii,
1962. 62 p. (MIRA 16:2)

1. Pervyy sekretar' Moskovskogo komiteta Vsesoyuznogo Leninskogo
Kommunisticheskogo soyuza molodezhi (for Kamshalov).
(Moscow Province—Agriculture)
(Communist Youth League)

KAMSHILIN, I...

Factories -- Accounting

Bookkeeping for equipment repairs. Bukhg. uchet no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified.

~~KAMSHILIN, I~~

Final procedure for releasing goods from factory warehouses.

Bukhg.uchet 14 no.6:45-48 Je '57.

(MIRA 10:7)

1. Glavnyy bukhgalter Poltavskoy khlopkopryadil'noy fabрики
Ministerstva legkoy promyshlennosti, Poltava.

(Factories--Accounting)

KAMSHILIN, I.

Development of creative initiative in accountants. Bukhg.uchet 16
no.2:5-7 F '57. (MLRA 10:2)

(Accounting)

KAMSHILIN, I.I.

Efficient accounting of equipment repairs. Tekst. prom. 17 no.5:
55-56 My '57. (MLRA 10:6)

1. Glavnyy bukhgalter Poltavskoy pryadil'noy fabriki.
(Poltava--Textile industry--Accounting)
(Spinning machinery--Maintenance and repairs)

BUDASOV, B.V., st. prepod.; KAMSHILIN, M.I., red.

[Manual on making drawings of gear engagements] Rukovodstvo po vypolneniiu chertezhei zubchatykh zatseplenii. Sost. B.V.Budasov. Voronezh, 1962. 27 p. (MIRA 17:9)

1. Voronezh. Inzhenerno-stroitel'nyy institut. Kafedra nachertatel'noy geometrii i inzhenernoy grafiki.

QUENCHING Hg RESONANCE EMISSION IN A GAS DISCHARGE (USSR)

Kamshilina, V. M. Optika i spektroskopiya, v. 14, no. 4, Apr 1963, 471-475.
S/051/63/014/004/004/026

An experimental study of the quenching of Hg resonance emission in a gas discharge has been carried out by using a method which determines the lower probability limit of the damping action of additives on lines related by cascade transitions of excited atoms and which permits secondary processes occurring together with quenching collisions to be neglected. One of the Hg triplet lines (4358 Å) and the resonant line 2537 Å, which are related by the cascade transition $7^3S_1 - 6^3P_1 - 6^1S_0$ were studied in a low-pressure ($1.2 \cdot 10^{-3}$ mm Hg) Hg discharge with H_2 as the quenching additive. Resonant line intensity distributions along the discharge axis were obtained for the two lines at various H_2 pressures, and the relative intensity of the two lines was plotted as a function of distance from the cathode. The same relationship was plotted for a mixture of H_2 plus Ar for comparison purposes (since Ar is a poor quencher of Hg resonance emission). The two intensity functions (for H_2 and $H_2 + Ar$) are quite dissimilar, showing the differences in behavior of the two systems.

[BB]

Card 1/1

~~KAMSHILINA, E. M.~~

Quenching of the resonance radiation of mercury in a gas
discharge. Opt. i spektr. 14 no.4:471-475 Ap '63.
(MIRA 16:6)

(Electric discharges through gases)
(Mercury—Spectra)

KAMSHILINA, Ye.M.

Session on the study of the characteristics of placer distribution. Izv. AN SSSR. Ser. geol. 25 no.9:141-143 8 '60.
(Mines and mineral resources) (MTRA 13:9)

SHATSKIY, N.S., akademik, otv. red.; SHANTSER, Ye.V., red.; ROZHKOV,
I.S., red.; TROFIMOV, V.S., red.; MOMDZHI, G.S., red.;
KAMSHILINA, Ye.M., red.; SHKLYAR, S.Ya., tekhn. red.;
LAMILINA, L.N., tekhn. red.

[Mineral distribution characteristics] Zakonomernosti razme-
shcheniia poleznykh iskopaemykh. Moskva, Gos.nauchno-tekhn.izd-
vo lit-ry po gornomu delu. Vol.4.[Placer deposits] Rossypl.
1960. 254 p. (MIRA 15:1)

1. Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh po-
leznykh iskopaemykh.

(Ore deposits)

L 2762-66 EWT(m)/ENP(e) HE/JT/JXT(CZ)

ACC NR: AF6018423

SOURCE CODE: UR/0306/66/008/001/0123/0124

AUTHOR: Kamchilina, Ye. M. (learned secretary)

ORG: Scientific Council for Ore Formation (Nauchnyy soviet po rudooobrazovaniyu)

TITLE: In the scientific council for ore formation

SOURCE: Geologiya rudnykh mestorozhdeniy, v. 8, no. 1, 1966, 123-124

TOPIC TAGS: geologic conference, bauxite, petrology, thermometry, mineral, physical geology

ABSTRACT: A session of the Scientific Council for Ore Formation of the Department of Earth Sciences, Academy of Sciences USSR, was held on 1 December 1965 at which 18 members were present.

The following questions were discussed at the session:

1. On organization of an International Association on the genesis of ore deposits and the participation of Soviet scientists.
2. On preparation for the International Symposium on problems of hydrothermal ore formation.
3. Information on activity of the Council and its sections in 1965 and the undertakings noted for 1966.

UDC: 553 (047)

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Chairman of the Scientific Council, Academician V.I. Smirnov, gave some information on the first two questions. 4

The following quite significant scientific organizational measures were conducted in the past year:

1. The Fourth All-Union Metallogenic Conference held on 26-29 May in Leningrad and organized by the State Geologic Committee USSR Academy of Sciences USSR, represented by the Scientific Council for Ore Formation and the Ministry of Higher and Middle Specialized Education.
2. The Second All-Union Conference on Geothermobarometry in Novosibirsk (territorial section for Siberia and the Far East).
3. The All-Union Conference on Lithologic Methods of Investigation and Metamorphogenic ore formation, conducted by Glavgeologiya, Ukrainian USSR and the Ministry of Geology USSR together with the territorial section of the Scientific Council for the Ukraine.
4. Seminar on Genesis of Bauxites (Bauxite Section).
5. Conference on Apatite Capacity of the Eastern regions of the Soviet Union (Section on Non-Ore Mineral Deposits).

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6. Coordination Conference with discussion of the plan of scientific research and reports which reflected the main scientific directions for study of weathering crust (Section on the Weathering Crust). 5

7. The books, *Geologicheskaya Termometriya* (Geological Thermometry) and *Geologiya Rossypoy* (Geology of Placer Deposits), prepared by the scientific council, were published in the past year.

In 1966 the scientific organizational activity of the Council and its sections will be concentrated mainly on preparations of several conferences (international, all-union, and regional) which will be held in 1966-1968.

1. Preparation for the International Symposium on Problems of Hydrothermal Ore Formation, Yugoslavia, autumn 1967; 2. Preparations for the Twentieth International Conference on Bauxite, Greece, 1967 (Bauxite Section); 3.

Preparation for the Fifth All-Union Metallogenic Conference, Tashkent, 1968;

4. Preparation for the Third Conference on the Geology of Placer Deposits, the conference is to be held in Irkutsk, 1967 (Section on Placer Deposits of Minerals); 5. Preparation for the Worker's Conference on Bauxites of Kazakhstan, 1967, Arkalyk, Kazakh SSR (Section on Bauxites).

The section on weathering crust and the minerals associated with it is organizing:

1) A coordination conference at which the plans of scientific research for 1966 will be discussed and about 10 scientific reports will be presented; 2) working conference and survey expeditions to the early weathering crust of the Urals;

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3) working conference of the Commission on Terminology and Methods of Studying the Crust Weathering for discussion of compiled instructions and other documentation on description of early weathering crusts. 2

The section on non-ore minerals is planning to conduct: 1) a coordination conference for examination of further investigations and coordination of efforts in the field of the study of non-metallic minerals; 2) the possible organization of a working conference on vitreous volcanic rocks and the minerals associated with them; 3) discussion of the compilation of prognostic charts of medium scale for non-metallic minerals in the Ukraine.

The section on placer deposits of minerals is taking part in preparation of a conference in Perm on the geology of diamond deposits. In addition to this, a discussion is planned at the expanded session of the section on problems associated with the study of gold-bearing agglomerates of Karelia and the Russian platform.

The section on bauxites intends to participate in the conference of the Ministry of Geology USSR on the problem of expanding the mineral-raw material base of aluminum.

The territorial section on the Ukraine will conduct a conference on the genesis

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of Precambrian iron-silicon rocks.

The territorial section on the Caucasus will conduct in Tbilisi a conference on the prognostic evaluation of copper deposits of the Caucasus and participate in the regional petrography conference on the Carpathian-Crimean-Caucasus region which is being organized by the Geological Committee of Georgian SSR.

The territorial section on the Urals will participate in a conference on magmatism, metamorphism, and metallogeny of the Urals.

The territorial section on Siberia and the Far East is organizing a conference on conditions for the formation and regularities in the distribution of mercury deposits in Siberia and the Far East. [JPRS]

SUB CODE: 08 / SUBM DATE: none

Card 5/5 10

KAMSHILINA, Ye. M.

Scientific council for studying regularities in the distribution
of deposits of main useful minerals. Biul.tekh.-ekon.inform.
Gos.nauch.-issl.inst.nauch. i tekh.inform. no.10:72-73 '62.
(MIRA 15:10)

(Mines and mineral resources)

BEZSMERTNYI, V.V.; KAMSHILINA, Ye.M.

Brief account of the activity of the Interdepartmental Council
on the Study of Regularities in the Location of Minerals and its local
committees in 1959--1960. Zakonom. razm. polezn. iskop. 5:624-629 '62.
(MIRA 15:12)

(Mines and mineral resources)

KAMSHILINA, Ye.M.; TROFIMOV, V.S.

Second conference on the geology of the mineral placer deposits.
Izv. AN SSSR. Ser. geol. 29 no.8:107-112 Ag '64. (MIRA 17:11)

KAMSHILINA, Ye.M.

Research council on the formation of ores. Geol. rud. mestorozh.
6 no.3:117-118 My-Je '64 (MIRA 18:1)

1. Uchenyy sekretar' Nauchnogo soveta po rudooobrazovaniyu Ot-
deleniya nauk o Zemle AN SSSR.

SMIRNOV, V.I., akademik, otv. red.; ROZHKOV, I.S., red.;
TROFIMOV, V.S., red.; SHILO, N.A., red.; KAMSHILINA,
Ye.M., red.

[Geology of placers] Geologiya rossypel. Moskva, Nauka,
1965. 399 p. (MIRA 18:6)

1. Akademiya nauk SSSR. Nauchnyy sovet po rudobrazovaniyu.

KAMSHILOV, M. M.

"Dominance and Selection," Dokl. AN SSSR, No.6, 1939

"Experiments of Selection for Fitness," ibid., No.9, 1939

Lab. of ~~PHENOGENESIS~~ Phenogenesis, Inst. Evolutionary Morphology, AS USSR

KAMSHILOV, M. M.

"Correlations and selection." (p. 109) by M. M. Kamshilov.

SO: Journal of General Biology (Zhurnal Obschei Biologii) Volume II No. 1, 1941.

KAMSHILOV, M. M.

"On selection for cold resistance," (p. 211) by M. M. Kamshilov.

SO: Journal of General Biology (Zhurnal Obschei Biologii) Volume II No. 2, 1941

PA40727

USER/Medicine - Evolution
Medicine - Heredity
Sep/Oct 1947

Thirty Years of Study by Soviet Biologists in the
Field of Evolutionary Theory," M. M. Kamshilov,
Moscow, 24 pp

"Uspekhi Sovremennoy Biologii" Vol XXIV, No 2 (5)

Discusses Soviet evolutionary theory as a successor
to physical science; factors in evolutionary proc-
esses, such as inheritance, change and control of
the essential and inherent nature of selection; regu-
larity of evolution, under which author discusses
origin of life on the earth, integrity of the evo-
lutionary process, formation of species, and morpho-

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USER/Medicine - Evolution (Contd.) - Sep/Oct 1947

physiological progress; and man as a factor of evo-
lution. Article contains a 32-page bibliography of
works in this field.

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KAMSHILOV, M. M.

"Heteropolispermia - New Method of Effecting Mutation," Dok. AN, 57, No. 6,
1947

KAMSHILOV, N. M.

PA 19/49T72

USSR/Medicine - Heredity
Medicine - Variations

May/Jun 48

"Selection, a Factor Complicating Organization,"
M. M. Kamshilov, Inst of Evolutionary Morph
Imeni A. N. Severtsov, Acad Sci USSR, 74 pp

"Iz Ak Nauk SSSR, Ser Biol" No 3

Treats subject under: (1) statement of problem,
(2) experiments, (a) increase of independence
of a characteristic due to chance variations
in external factors (graphs show variability
of D. melanogaster), (b) stabilizing selection
and threshold reactions (tables and graphs show

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USSR/Medicine - Heredity (Contd) May/Jun 48

eyelessness in Crimea flies), (c) reorganiza-
tion of correlations (graphs show increase
and decrease of eyelessness in DMO and DMK
lines), and (3) conclusions. Submitted
25 Jul 47.

19/49T72

KAMSHILOV, M. M.

PA 68T89

USSR/Medicine - Morphology
Medicine - Heredity, Mechanism

May 1948

"Selection in the Heterospermic Line," M. M. Kamshilov, Inst Evolutionary Morph imeni A. N. Severtsov, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LX, No 5

Results of selection from some 25 generations of three heterospermic and of control lines of eyeless *Drosophila melanogaster*. Describes material used in studies, and methods employed in selection. Submitted by Academician I. I. Shmal'gauzen 12 Mar 1948.

68T89

KAMSHILOV, M.I.

MURMANS PROVINCE - COFERODA

Cycle of propagation of Calanus finmarchicus Gunner in the Eastern Murman. Dokl. AN SSSR 85
no. 3 1952.

Monthly List of Russian Accessions, Library of Congress. November, 1952. Unclassified.

KAMSHILOV, M. M.

Copepoda - Murmans Province

Cycle of Propagation of Calanus finmarchicus Gunner in the Eastern Murman. Dok. AN
SSSR, 85, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952, UNCLASSIFIED.

KAMSHILOV, K. K.

Plankton-White Sea

Winter zooplankton of the White Sea. Dokl. AN SSSR 85 no. 6, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified

KAMSHILOV, M.M.

Materials on the biology of *Calanus finmarchicus* Gunner in the
Barents Sea and White Sea. Trudy Murm. biol. sta. 2:62-86 '55.
(Barents Sea---Copepoda) (White Sea--Copepoda) (MLRA 10:8)

Kamshilov, M. M.
USSR/Biology - Zoology
Card 1/1 Pub. 22 - 55/59
Authors : Kamshilov, M. M.
Title : ~~Feeding of ctenophora Beroe~~
Feeding of ctenophora Beroe (Cucumis Fab
Periodical : Dok. AN SSSR 102/2, 399-402, May 11, 1955
Abstract : Data are given on the feeding habits of ctenophora (macroplankton representatives of the Barents Sea). Ten references: 3 USSR, 1 Danish, 2 Germ, 2 Engl and 2 French (1880-1949).
Institution : Acad. of Sc., USSR, Kol'sk Branch im. S. M. Kirov, Murmansk Biolog. Station
Presented by: Academician Ye. N. Pavlovskiy, January 27, 1955

MIRONOVA, N.V.; KAMSHILOV, M.M., doktor biologicheskikh nauk, otvetstvennyy
redaktor; SHIRKOVA, A.V., tekhnicheskiiy redaktor

[The feeding and growth of young codfish along the eastern Murman
Coast] Pitaniye i rost molodi treskovykh rub v pribrezhnoi zone
Vostochnogo Murmana. Moskva, Izd-vo Akademii nauk SSSR, 1956. 98 p.
(Murman Coast--Codfish) (MIRA 9:10)

USSR/General Biology - General Hydrobiology.

B.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 94722

introduced for the increase in useful production of the waters of the Murmansk littoral by means of use of algae, invertebrates, bird conservation, fish breeding (herring in the first instance), of those which spawn in the Murmansk shores. -- S.A. Milcykovskiy

Card 2/2

KAMSHILOV, M.M.

Some new data on the zooplankton of the White Sea. Mat. po kompl.
izuch. Bel. mor. no. 1:305-314 '57. (MLRA 10:8)

1. Murmanskaya biologicheskaya stantsiya Akademii Nauk SSSR.
(White Sea--Zooplankton)

Kamshilov, M.M.
KAMSHILOV, M.M.

Problems of fishery research in shore waters of the Barents Sea.
Trudy Murm. biol. sta. 3:5-19 '57. (MIRA 11:2)
(Barents Sea--Fisheries--Research)

Kamshilov M.M.

USSR/General Division. General Problems. Philosophy A-1
Methodology

Abs Jour : - Ref Zhur-Biologiya, No 2, 1958, 4590

Author : M. M. Kamshilov

Inst :

Title : Changeability and Natural Selection

Orig Pub : Zool, zh, 1957, 36, No 2, 174-182

Abstract : Reply to the article by G. V. Nikol'skiy
entitled "On the Changeability of Organisms"
(see R zh Biol. 1956, 52568). A philo-
sophical evaluation of different evolu-
tionary theories depending on whether
they solve the problems of the factors
and laws of the evolutionary process and
in part of the origin of suitable reac-
tions of organisms to the factors of the
environment is given. Evolutionists -

Card 1/3

USSR/General Division. General Problems. Philosophy A-1
Methodology

Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 4590

Abstract : problem of natural selection is examined and proof is made that it is a biological factor which emerges as a result of the interaction between the organisms and the environment and which is based on undetermined modification but which leads to definite adaptive reactions. The deep materialistic essence of Darwinism is in the fact of the importance of the mutual relations between organisms; however, the theory of the creative role of direct adaptation does not explain the adaptation to biotic factors. It is noted that only those biological sciences begin to successfully develop which are linked with the basic materialistic premises of Charles Darwin.

Card 3/3

KANSHILOV, M.M., doktor biologicheskikh nauk (Dal'niye Zelentsy, Murmanskoy oblasti)

Murmansk Biological Station. Triroda 46 no.3:59-63 Mr '57.
(MIRA 10:3)
(Barents Sea--Marine biology)

KAMSHILOV, M.M., doktor biol.nauk, red.; SERGHEYEVA, G.I., red. izd-va;
TVIKRETINOVA, K.S., tekhn.red.

[Features of the assembly and migration of commercial fish in the Murman coastal zone and their relation to biological, hydrological and hydrochemical processes] Zakonomernosti skoplenii i migratsii promyslovyykh ryb v pribrezhnoi zone Murmana i ikh svyaz' s biologicheskimi, gidrologicheskimi i gidrokhimicheskimi protsessami. Moskva, 1958. 269 p. (MIRA 11:4)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirovsk.
(Murman coast--Fishes)

KAMSHILOV, M.M., doktor biol. nauk; ZELIKMAN, E.A.

Specific composition of zooplankton in the shore waters of Eastern
Murm. Trudy Murm. biol. sta. 4:41-44 '58. (MIRA 11:5)

1. Murmanskaya biologicheskaya stantsiya Kol'skogo filiala AN SSSR.
(Murm. Coast—Zooplankton)

KAMSHILOV, M.M., doktor biol. nauk.

~~Production of Calanus finmarchicus (Gunner) in the littoral zone~~
of Eastern Murman. Trudy Murm. biol. sta. 4:45-55 '58. (MIRA 11:5)

1. Murmanskaya biologicheskaya stantsiya Kol'skogo filiala AN
SSSR.

(Murian Coast—Copepoda)

KAMSHILOV, M.M., doktor biol. nauk.

~~Materials on the biology of cirriped larvae of Eastern Murman. Trudy~~
Murm. biol. sta. 4:56-67 '58.. (MIRA 11:5)

1. Murmanskaya biologicheskaya stantsiya Kol'skogo filiala AN SSSR.
(Murmansk Coast--Cirripedia)

KAMSHILOV, N.M.

Interrelations of organisms and their role in evolution. Zhur.ob.biol.
20 no.5:370-378 S-O '59. (MIRA 13:1)

1. Murmanskii morskoy biologicheskii institut Kol'skogo filiala im.
S.M. Kirova Akademii nauk SSSR.
(ZOOLOGY--ECOLOGY) (EVOLUTION)

KNESHLOV, H.M.

Evolutionary significance of interrelationships of organisms.

Trudy MMBI no. 2:5-40 '60.

(MIRA 14:2)

(Evolution)

(Ecology)

ZELIKMAN, E.A.; KAMSHILOV, M.M.

Long-term dynamics of the biomass of plankton in the southern part
of the Barents Sea and factors determining it. Trudy NMBI no.2:68-
113 '60. (MIRA 14:2)

(Barents Sea--Plankton)

KAMSHILOV, M.M.

"Systemic" and "cellular" adsorption. Trudy MBI no.2:226-235 '60.
(MIRA 14:2)

(Animals, Cold-blooded) (Heat--Physiological effect)
(Adaptation (Biology))

KAMSHILOV, M.M.

Causes of changes in the fauna and the biological productivity of
the Barents Sea over a period of many years. Trudy Okean kom.
10 no.4:42-47 '60. (MIRA 14:3)

1. Murmanskoy morskoy biologicheskiy institut AN SSSR.
(Barents Sea---Marine biology)

KAMSHILOV, M.M.; GERASIMOV, V.V.

Experiment in keeping young Murmansk herring in the aquarium.
Trudy sov. Ikht. kom. no.10:84-87 '60. (MIRA 13:10)

1. Murmanskii Morskoy biologicheskii institut Akademii nauk SSSR.
(Herring) (Murmansk--Marine aquariums)

KAMSHILOV, M.N.; MIRONOVA, N.V.; KONDRATSOVA, O.P.

Causes of seasonal and annual variations in the density of cod and haddock shoal concentrations in the Barents Sea. Trudy sov. Ikht. kom. no.10:117-121 '60. (MIRA 13:10)

1. Murmanskii Morskoy biologicheskii institut Akademii nauk SSSR.
(Barents Sea--Codfish) (Barents Sea--Haddock)

KAMSHILOV, M.M.

Biology of comb jellies in the shore waters of Murman. Trudy MBI
no.3:36-48 '61. (MIRA 15:3)

1. Zaveduyushchiy laboratoriyey gidrobiologii Murmanskogo morskogo
biologicheskogo instituta.

(Murman Coast—Ctenophora(Coelenterata))

KAMSHILOV, Mikhail Mikhaylovich; TOKIN, Boris Petrovich, doktor biolog.
nsuk, otv. red.; VAKHTIN, Yu.B., red. izd-va; ZAMARAYEVA, R.A.,
tekhn. red.

[Evolutionary significance of interrelationships among organisms]
Znachenie vzaimnykh otnoshenii mezhdu organizmami v evoliutsii.
Moskva, Izd-vo Akad. nauk SSSR, 1961. 134 p. (MIRA 14:8)
(Evolution) (Ecology)

KAMSHILOV, M.M., doktor biol. nauk, otv. red.; GRECHKO, V.A., red.;
FEDOTCVSKIY, A.N., red.; BELYAYEV, N.F., tekhn. red.

[Hydrological and biological characteristics of the waters
along the Murman Coast] Gidrologicheskie i biologicheskie
osobennosti pribreshnykh vod Murmana. Murmansk, Murman-
skoe knizhnoe izd-vo, 1961. 237 p. (MIRA 16:5)

1. Akademiya nauk SSSR. Kol'skiy filial, Kirovsk. 2. Kol'skiy
filial Akademii nauk SSSR (for Grechko).
(Barents Sea—~~Marine~~ biology)

KAMSHILOV, M.M.

Productivity of zooplankton and temperature; in reply to IU I.
Galkin. Okeanologiya 3 no.2:330-336 '68. (MIRA 16:4)
(Zooplankton) (Ocean temperature)

L 12840-63

ACCESSION NR. AP3003230

S/0020/63/150/006/1363/1365

AUTHOR: Kamshilov, M. M. 44

TITLE: The effect of ultraviolet rays on the bacterial cenoses of marine protozoans

SOURCE: AN SSSR. Doklady*, v. 150, no. 6, 1363-1365

TOPIC TAGS: ultraviolet irradiation, bacterial cenoses, marine protozoan, flagellate, ameba, Bodo marina Braarud, Flabellula mira

ABSTRACT: In a series of exploratory studies, slides kept for about 1 year in aquaria in flowing ocean water and colonized by bacteria of a number of species of diatoms, infusoria, amebae, rotifers, free-living nematodes, anuplii, and copepods were placed at room temperature in 2 Petri dishes with 10 cm³ of ocean water, replaced as it evaporated with bidistilled water. One dish was exposed to daily irradiation with a FRK-2 mercury quartz lamp, first (9 days) for 2 minutes, and then for 5 minutes per day. The second Petri dish served as a control. The experiment lasted for over 2 years. Many of the organisms soon died as a result of the altered conditions (interruption of inflow of ocean water, increased

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L 12840-63

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temperature, reduced volume) but bacterial cenoses remained which were able to survive for a long period without the addition of nutrients, although they did not achieve complete equilibrium. After 2 years, a greater variety of forms was still present in the irradiated dish than in the control, the greatest resistance being shown by small, colorless flagellates of the family Bodonidae (*Bodo marina* Braarud) and amebae (*Flabellula mira*). There were 14 and 3 times as many of these species, respectively, in the irradiated dish as in the control, and the irradiated amebae were almost twice as large. Thus, UV irradiation in the dosage employed (9×10^6 erg/mm²) not only did not interfere with the development of bacterial cenoses, but preserved their diversity and promoted the growth of flagellates and amebae. In another experiment, the organisms were irradiated for 1, 5, 10, or 15 minutes per day for 20 months. At these higher doses, the growth of flagellates and amebae was inhibited, *Plectonema* developing in the dish irradiated for 1 minute per day and *Chlorella* in those irradiated for 5-15 minutes per day. This report was presented by Academician A. I. Oparin, 6 Dec 62. Orig. art. has: 1 figure and 2 tables.

Murmansk Inst. of Marine Biology

Cord 2/3₂

KAMSHILOV, M.M.; FISHKOVA, E.S.

Effect of ultraviolet rays on the numerical variations of bacteria
in experimental biocenoses. Dokl. AN SSSR 151 no.1:206-208 J1
'63. (MIRA 16:9)

1. Murmanskoy morskoy biologicheskoy institut Kol'skogo filiala
im. S.M.Kirova AN SSSR. Predstavleno akademikom A.I.Oparinyam.
(ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT) (BACTERIA)

KAMSHILOV, M.M.

Summary of the activities of the Murmansk Marine Biology Institute
and the tasks of further research. Trudy MMBI no.5:3-15 '64.

Light sensitivity of the pigment cells of *Beroe cucumis* Fabr.
Ibid.:61-62 (MIRA 17:4)

1. Laboratoriya gidrobiologii Murmanskogo morskogo biologicheskogo
instituta.

KAMSHILOV, M.M.

Effect of ultraviolet light on colorless flagellates.

Trudy Inst.biol.vnutr.vod. no.9:255-299 '65.

(MIRA 19:1)

KAMSHILOV, N.

Bee Culture

Further development in collective farm bee culture. Pchelovodstvo 29 no. 3:3-7 Mar '52.

9. Monthly List of Russian Accessions, Library of Congress, July 1957/2 Uncl.

1. KAMSHIIV, N.
2. USSR 600
4. Moving Pictures, Documentary
7. In the world of bees, Pchelovodstvo, 29, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KAMSHILOV, N., agronom; LAVROVA, Z., agronom

Advice to gardeners. Nauka i zhyttia 11 no.3:51 Mr '62.
(MIRA 15:8)

(Gardening)

1. KAMSHILOV, N. A., NAZARYAN, Ye. A.
2. USSR (600)
4. Fruit Culture
7. Orchard culture in the new five-year plan. Sad 1 of. no 11 1952

Montly List of Russian Accessions, Library of Congress, March, 1953, Unclassified.

KAMSHILOV, N.A.

Kratkii spravochnik sadovoda (A
brief guide for the fruit gardener).
Moskva, Sel'khozgiz, 1953. 144 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

VORONINA, Ye.P., glavnyy metodist; KAMSHILOV, N.A.; SAVZDARG, V.E.,
redaktor; PRIVZNER, V.I., tekhnicheskiiy redaktor

["Fruit culture" pavilion; a guidebook] Pavil'on "Sadovodstvo";
Putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 27 p.
(MLRA 9:11)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'ona (for Kamshilov)
(Moscow--Fruit culture--Exhibitions)

L'VOVSKIY, Maks Iosifovich; ~~KAMSHILOV, N.A.~~, redaktor; PAVLOVA, M.M.,
tekhnicheskiy redaktor

[Picking, sorting, and packing fruit] Sbor, sortirovka i upakovka
plodov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 231 p.
(Fruit) (MLRA 10:2)

KAMSHILOV, N.A.; KAPLAN, G.D., redaktor; BALLOD, A.I., tekhnicheskii
redaktor

[Textbook of collective farm fruit culture] Uchebnik kol'khoz'nogo
sadovoda. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 447 p.
(Fruit culture) (MIRA 10:2)

KAMSHILOV, N.A.

[Handbook for amateur pomologists] Spravochnik sadovoda liubitelia.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 254 p. (MIRA 11:5)
(Fruit culture)

KAMSHILOV, N.A.; ANTONOV, N.V.; BAKHAREV, A.N.; BLINOV, L.F.; BORISOGLLEBSKIY,
A.D.; GAR, K.A.; GARINA, K.P.; GORSHIN, P.F.; GUTYEV, G.T.;
DELITSINA, A.V.; DUBROVA, P.F.; YEVTUSHENKO, A.F.; YEGOROV, V.I.;
YEREMENKO, L.L.; YEFINOV, V.A.; ZHILITSKIY, Ya.Z.; ZHUCHKOV, N.G.,
prof.; ZAYETS, V.K.; ISKOL'DSKAYA, R.B.; KOLESNIKOV, V.A., prof.;
KOLESNIKOV, Ye.V.; KOSTINA, K.F.; KRUGLOVA, V.A.; LEONT'YEVA, M.N.;
LESYUK, Ye.A.; MUKHIN, Ye.N.; NAZARYAN, Ye.A.; NEGRUL', A.M., prof.;
ODITSOV, V.A.; OSTAPENKO, V.I.; PETRUSEVICH, P.S.; PROSTOSERDOV,
N.N., prof.; RUKAVISHNIKOV, B.I.; RYABOV, I.N.; SABUROV, N.V.;
SABUROVA, T.N.; SAVDARG, V.E.; SEMIN, V.S.; SIMONOVA, M.N.;
SMOLYANINOVA, N.K.; SOBOLEVA, V.P.; TARASENKO, M.T.; FETISOV, G.G.;
CHIZHOV, S.T.; CHUGUNIN, Ya.V., prof.; YAZVITSKIY, M.N.;
ROSSOSHCHANSKAYA, V.A., red.; BALLOD, A.I., tekhn.red.

[Fruitgrower's dictionary and handbook] Slovar'-spravochnik
sadovoda. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 639 p.
(MIRA 11:1)

(Fruit culture--Dictionaries)

PETROV, A.V., kand.sel'skokhoz.nauk, laureat Stalinskoy premii;
KAMSHILOV, N.A., otv.red.

[Fruit breeding and new fruit varieties] Seleksiia i novye
sorta plodovykh rastenii. Moskva, 1960. 36 p.

(MIRA 14:1)

(Fruit culture)

KAMSHILOV, Nikita Amosovich; KAZAKOVA, Ye.D., red.; GUREVICH, M.M.,
tekh.n.red.

[Manual for amateur fruit growers] Spravochnik sadovoda-
liubitelia. Izd.2., perer. i dop. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1960. 332 p. (MIRA 13:10)
(Fruit culture)

KAMSHILOV, V.V., dots.

Efficient mining of synclinal lignite deposits. Izv. vys. ucheb. zav.;
gor. zhur. no.1:28-33 '58. (MIRA 11:5)

1. Sverdlovskiy gornyy institut.
(Strip mining) (Lignite)

KAMSHILOV, V.V., dots.

Scientific and technical conference on exchange of information
on mine surveying operations. Izv. vys. ucheb. zav.; gor. zhur.
no.2:149-150 '58. (MIRA 11:5)

(Mine surveying)

KAMSHILOV, V.V., dots.

Efficient mining of synclinal lignite deposits. Ugol' 33
no.3:30-33 Mr '58. (MIRA 11:3)
(Lignite) (Mining engineering)

KAMSHILOV, V.V., dots.

Relation of height of internal waste piles from the angle of dip
of their base. Izv.vys.ucheb.zav.; gor.zhur. no.6:14-19 ' 58.
(MIRA 12:1)

1. Sverdlovskiy gornyy institut.
(Strip mining) (Earthwork)

KAMSHILOV, V.V., dotsent

Methods of making open-pit bench surveys. Izv. vys. ucheb.
zav.; gor. zhur. no.9:49-52 '60. (MIRA 13:9)

1. Sverdlovskiy gornyy institut im. V.V. Vakhrusheva. Rekomend.
kafedroy marksheyderskogo dela. (Mine surveying) (Strip mining)

KAMSHYLOV, D.V.

Drying grain on the S-4 combine. Mekh. sil'. hosp. 12 no. 6:17-18
Je '61. (MIRA 14:5)

1. Glavnyy spetsialist Gosudarstvennogo nauchno-tekhnicheskogo
komiteta Soveta Ministrov Belorusskoy SSR.
(Grain—Drying) (Combines (Agricultural machinery))

GLEMBOTSKIY, Ya.L.; LAPKIN, Yu.A.; PARFENOV, G.P.; KAMSHILOVA, Ye.M.

Effect of cosmic flight factors on the frequency of occurrence
of sex-interlinked recessive lethal mutations in *Drosophila*
melanogaster. Kosm. issl. 1 no.2:327-334 S-O '63.

(MIRA 17:4)

KAMSI, G.

How to store grain stalks in silos for fodder.

p. 27 (Per Bujqesine Socialiste) Vol. 11, No. 9, Sept. 1957. Tirane, Albania.

SO: Monthly Index of East European Accessions (EEAI) LC, - Vol. 7, No. 1. Jan. 1958

KAMSKIY, A.A., inzhener po ekspluatatsii liniy radiofikatsii

The work of linemen should be mechanized. Vest. svyazi 22 no.11:24
N '62. (MIRA 16:12)

1. Gor'kovskaya direktsiya radiotranslyatsionnoy seti.

SOV/58-59-5-11371

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 209 (USSR)

AUTHORS: Kamskiy, A.P., Rybalka, Ye.F.

TITLE: DC Amplifier

PERIODICAL: Uch. zap. Khar'kovsk. un-t, 1958, Vol 98, Tr. Fiz. otd. fiz.-matem. fak., Vol 7, pp 355 - 358

ABSTRACT: The authors describe an electrometer amplifier with an AC supply system. After warmup "zero drift" is practically nonexistent. The technique of tuning up the amplifier is provided.

The authors' résumé

Card 1/1

KAMSKIY, M. M.

USSR/Metals - Cast Iron, Heat Treatment Dec 51

"Improving the Mechanical Properties of Gray Iron Castings by Heat Treatment," M. M. Kamskiy, Engr, Ural Repair and Machinery Plant

"Litsey Proizvod" No 12, pp 27, 28

Develops heat-treating method to improve wear resistance of gray iron gears which, showing considerable increase in service life after stress relieving, had low wear resistance of teeth. Gears, after stress relief, have to be quenched from 830-860°C into oil heated to 250-270°, held in oil baths for 15-20 minutes and air cooled. Structure

203T95

USSR/Metals - Cast Iron, Heat Treatment Dec 51
(Contd)

of cast iron before heat treatment was pearlitic and ferritic; after treatment, needle trostlitic with large amt of residual austenite.

203T95

KAMSKIY, M. M.

USSR/Metals - Steel, Manufacture

Feb 52

"Briquetting Fines of Ferrosilicon," M.M. Kamskiy,
Engr, Ural Mach Repairing Plant, Molotov

"Litey Proizvod" No 2, p 28

Briefly discusses method for briquetting 75% ferrosilicon fines and use of these briquets for 50% of total ferrosilicon in steelmaking process. Their application does not essentially affect durability of furnace lining.

207794

1. KAMSKIY, M. M.

2. USSR (600)

4. Grinding Wheels

7. Simplified construction for an overhead energy wheel. Lit. proiz. no. 9, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KAMSKIY, M.M.

Metal base under a forehearth. Lit.proizv. no.8:29 N '54.
(Cupola furnace) (MIRA 8:1)

KAMSKOV, L. F.

"Investigation of Friction in the Resilient and Plastic Content Zones of the Chip With the Leading Edge of the Tool Bit." Cand Tech Sci, Georgian Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov, Min Higher Education USSR, Khar'kov, 1955. (KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SOV/122-58-6-19/37

AUTHOR: Kamshov, L.F., Candidate of Technical Sciences

TITLE: Simultaneous Measurement of the friction force and the Force of normal Pressure on the Front flank of a Cutting Tool (Odnovremennoye izmereniye sily treniya i sily normal'nogo davleniya na peredney grani reztsa)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, nr 6, pp 52 - 54 (USSR)

ABSTRACT: A patented device is described, which permits the simultaneous measurement of the cutting force components in two different resolutions. The cutting force is first resolved into a component normal to the front flank of the cutting tool and tangential to this flank (friction force). The second resolution distinguishes the components along the cut surface of the workpiece (axial) and normal to this surface (radial). The forces on the rear flank (clearance) of the cutting tool are neglected. An outer dynamometer cradle is nested in the body of the instrument. This measures the axial and radial components. An inner dynamometer cradle nested inside the outer cradle measures the normal and friction components, but only on the upper part of the cutting tool. This is a separate tool bit inserted into the inner cradle. The lower part of the cutting tool which embodies its rear flank is mounted on a

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SOV/122/58-6-19/37

Simultaneous Measurement of the Friction Force and the Force of
normal Pressure on the Front Flank of a Cutting Tool

projection of the outer cradle. The inner cradle inside the outer and the outer cradle inside the body are floated on force transmitting supports. In each case, the force is transmitted by an end piece with a plane or spherical surface through a freely floating ball to a plate or membrane which is either a separate component or the bottom of a cup component. The deflections of the membranes are picked off by inductive transmitters converted into electrical signals and recorded by an 8-channel electromagnetic oscillograph. Special precautions are needed in measuring the tool angles and in adjusting the gap between the upper and lower tool bits to a width below 0.03 mm to avoid the capture of swarf. There are 3 figures.

Card 2/2 1. Cutting tools--Pressure distributing 2. Pressure--Measurement
 3. Machines--Design